

ABSTRACT

A video transmitting apparatus that is able to efficiently transmit and decode only the video data of the region of interest without lowering coding efficiency, and that is able to change the region of interest during reproduction of video. In this apparatus, a base layer coding section (116) codes the base layer of low resolution obtained by reducing input video of high resolution. A region map calculating section (118) calculates a region map indicating the divided region upon coding, and an enhancement layer coding section (120) performs intra-frame coding for each divided region after dividing the enhancement layer which is differential video of the input video and video obtained by decoding the base layer coded video and expanding the same to the resolution of the input video according to the region map. Here, an offset table generating section (122) generates an offset table indicating the storing position of the coded enhancement layer for each divided region, and a video data clipping section (136) clips the video data corresponding to the region of interest only from the enhancement layer using the offset table.